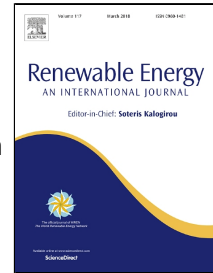


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On the impact of innovative materials on outdoor thermal comfort of pedestrians in historical urban canyons



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On the impact of innovative materials on outdoor thermal comfort of pedestrians in historical urban canyons

Highlights:

- Urban canyon microclimate in historical districts is investigated and mitigated
- Novel cool materials for energy saving and outdoor comfort are implemented
- Radiative heat is reduced and more comfortable environment is achieved
- Energy efficient historic districts may deliver “green” message to the society

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